4 Picture Details Introduction

FNIRSI

BUSINESS PHILOSOPHY

Our FNIRSI team takes customer experience as the center of development experience, and hopes that every customer who uses our products will feel convenient,practical,high-quality and inexpensive

TECHNICAL SUPPORT

Any purchase of our FNIRSI brand products, Whether it is purchased in our store,Or purchased from other agents,If you encounter any problems during use,We will provide technical support and after-sales guarantee,Make customer service more convenient and at ease

VK Group

Whatsapp Group

ADD GROUP

USB Color Screen Tester

Is a high reliability, high security USB voltage and current detection meter and mobile communication terminal fast charge trigger

Multiple practical functions

"Small products make a big difference"

- Drive-free PC upgrade
- Fast charge deception
- PD E-Marker read
- PD protocol monitoring
- Fast charge recognition
- PD protocol conversion
- Precision measurement
- Data storage
- Intelligent recording of energy capacity detection

Compatible with multiple interfaces

1.44 inch TFT LCD HD display with integrated USB-A, Micro-USB, Type-C interfaces

Use external 16-bit ADC, PD protocol physical chip

Protocol trigger

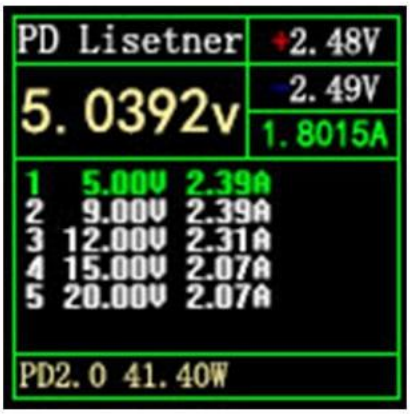
01 Fast charge protocol detection
02 QC2.0 trigger
03 QC3.0 trigger
04 Huawei FCP trigger
05 Huawei SCP trigger
06 Samsung AFC trigger
07 PD protocol trigger

safety warning! ! ! : This type of tester has multiple input and output ports, except for the online port, all other interfaces are connected in parallel. Only one input and one output are allowed to be connected at the same time. Some testers support high-voltage fast charging, **and output input ports after high-voltage trigger There will be high voltage, please do not connect any equipment with insufficient voltage at this time,** please confirm the display voltage is correct, and then connect the equipment. If the operation error includes but is not limited to **burning mobile phones, burning equipment, burning adapters, etc.,** our shop Not responsible!

Can be used for the following measurements, etc.

New features

(This function is in V1.30. Please upgrade to the latest version)



PD protocol monitoring

(Debug PD protocol tool, fully understand the protocol process)

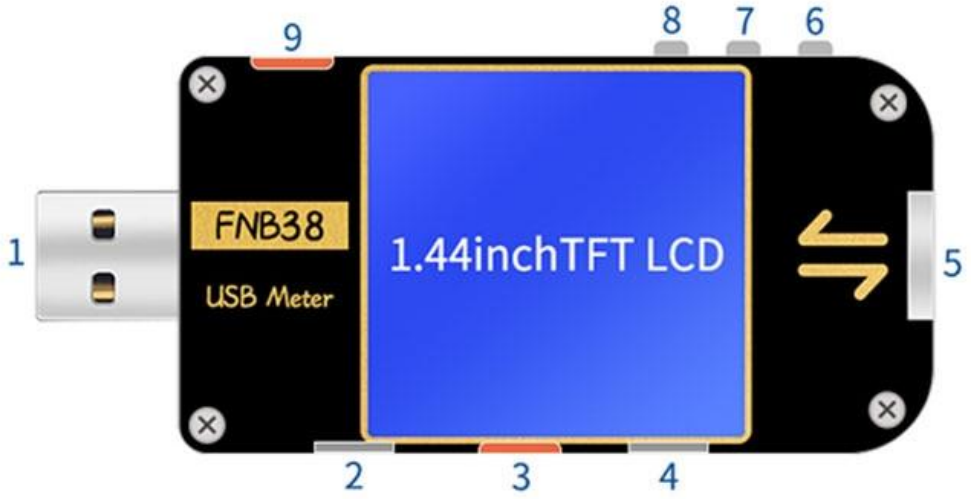
PD E-Marker

(This function can read CC line information with chip)

PD protocol conversion

(This function can convert QC2.0 charging head to

Structural design



1、USB-A input
2、Type-C input
3、Micro-USB input
4、Type-C output
5、USB-A output
6、>> button, page / select button
7、<< button, page / select button
8、OK key, function key
9、HID-USB data transmission

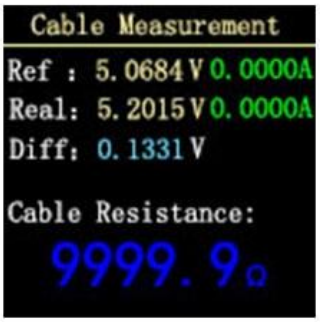
Interface preview

Capacity / Power consumption observation page

Fast charge identification page

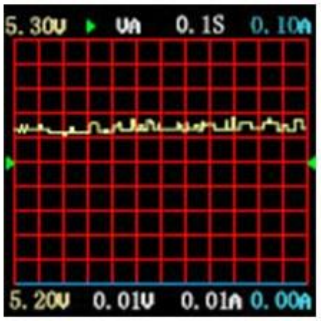
Capacity / power consumption list

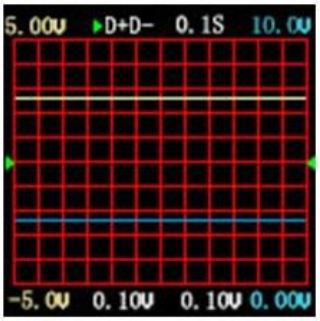
Fast charge detection and trigger page

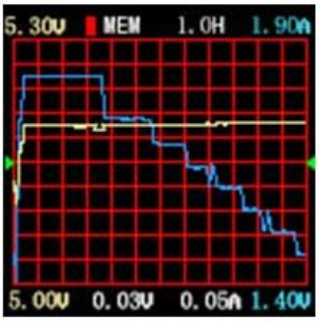


Cable measurement page

System information and settings page







Curve display page

More interface details can be viewed in the manual

Technical index

Accuracy: ± (a% (‰) reading + word count)

index	Range	Resolution	Accuracy
Input voltage	4 ~ 24V	0.1mV	± (0.2 ‰ + 2)
Input Current	0 ~ 5A	0.1mA	± (0.5 ‰ + 2)
Input power	0 ~ 120W	0.1mW	± (0.5 ‰ + 2)
Load Equivalent Internal Resistance	0 ~ 9999.9Ω	0.1mΩ	± (0.5 ‰ + 2)
D + / D- voltage	0 ~ 3.3V	0.01V	± (1.0% + 2)
Equipment temperature	°C	1 °C	± (1.2% + 3)
	°F	1 ° F	± (1.2% + 4)
Capacity	0 ~ 9999.9mAh	0.0001mAh	for reference
Energy used	0 ~ 9999.99Wh	0.00001Wh	for reference
Cable internal resistance	0 ~ 9999.9Ω	0.0001Ω	for reference
Equipment runtime	999 hours 59 minutes 59 seconds	1 second	5 seconds / hour
Record time	999 hours 59 minutes 59 seconds	1 second	5 seconds / hour